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VII. REFERENCES

- Access Strategic Knowledge. Calais Economic Strategy. 16 April 1998.
- Anderson, James R., et al. Land Use and Land Cover Classification System for Use with Remote Sensor Data. Geological Survey Professional Paper 964. Alexandria, VA: U.S. Department of the Interior Geological Survey, 1976.
- AvRuskin, Gillian, Eastern Maine Development Corporation Data Center. Personal Interview and Correspondence. 5 Apr. 2000.
- Borns, Harold W., and Bjorn Andersen. Surficial Geology of the Calais Quadrangle, Maine, Open-File 82-1. Maine Geological Survey, 1982.
- Boudreau, Robert, Navigable Waters Protection Officer Maritimes Region, New Brunswick. Personal communication. 10 January 2001.
- Calais Federal Savings and Loan Bank (Calais). Personal Contact. 1 March 2001.
- Calais Maine Chamber of Commerce. Online. 9 February 1998. http://www.calaismaine.com/
- Canada Customs and Revenue Agency. "I Declare: A Guide for Canadian Residents Returning to Canada." Halifax, NS: Canada Customs and Revenue Agency, 2001.
- Canada Customs and Revenue Agency. Duane Ingram. Personal Communications. 14 November 2000.
- Caswell, W. Bradford. Ground Water Handbook for the State of Maine, Bulletin 39. Maine Geological Survey, 1987.
- City of Calais Tax Assessor's Office. Property Tax Records. 2000/2001.
- City of Calais. City of Calais Land Use Codes. 1996.
- City of Calais. Comprehensive Plan. City of Calais, Calais: City of Calais, 1992.
- Clukey, Jack, Town of Baileyville Town Manager. Personal Interview. 1 November 2000.
- Colgan, Charles S. Comments on Calais-St. Stephen Border Crossing Economic Impact Study. July 9, 2001.
- Colgan, Charles S. Personal Conversation. July 17, 2001.
- Clukey, Jack, Town of Baring Selectman. Personal Interview. 16 Feb. 2000.
- Department of Municipal Affairs and Environment (New Brunswick). Environmental Impact Assessment in New Brunswick. No date.
- Donnell, Timothy. U.S. Customs Service. Personal Communication. 14 Nov. 2000.
- Doyle, Richard. Personal Conversation. 14 March 2001.
- Evans, Sarah, Maine Natural Areas Program. Letter. 14 Apr. 2000.

- Federal Emergency Management Agency. Digital Flood Insurance Rate Map for Washington County, ME. Washington, DC: Federal Emergency Management Agency, 1997.
- Federal Highway Administration, Noise and Air Analysis Division. *Highway Traffic Noise: Policies and Procedures.* April 1989.
- First National Bank of Bar Harbor (Calais). Personal Contact. 1 March 2001.
- Fortier, Jack, Town of Baileyville Selectman. Personal Interview. 16 Feb. 2000.
- Gillis, W. R. and Casavant, K. G. State Route Main Streets, Bypass Rounds and Economic Development in Small Towns. No Date.
- Guttormsen, Keith, Executive Director, City of Calais Chamber of Commerce. Personal Interview. 1 January 2000.
- Guttormsen, Keith, Executive Director. Profile of Calais Maine. Calais: Calais Regional Chamber of Commerce, January 2000.
- Harper-Lore, Bonnie, ed. Roadside Use of Native Plants. Washington, D. C.: Water and Ecosystems Team of the Office of Natural Environment of the Federal Highway Administration, 1999.
- Iowa Department of Transportation. A Literature Review of Uban Bypass Studies. Revised 1992.
- Jones, Frank D., Town of Baileyville Selectman. Personal Interview. 1 November 2000.
- LaConte, Chris. A.N. Derringer, Inc. Personal Interview. 16 February 2001.
- Loiselle, Marc, Dr., Maine Geological Survey. Letter. 27 December 2000.
- Loiselle, Marc, Dr., Maine Geological Survey. Letter. 9 November 2000.
- Ludman, Allan, and Malcolm Hill. Bedrock Geology of the Calais 15' Quadrangle, Eastern Maine, Open-File 90-27. Maine Geological Survey, 1990.
- Maine Department of Environmental Protection, State Floodplain Management Program. Model Floodplain Ordinance. 2000.
- Maine Department of Labor, Labor Market Information Services. Per Capita Income for U.S, N.E., Maine, and Counties. Augusta, ME: Maine Department of Labor, 1998.
- Maine Department of Labor, Division of Economic Analysis and Research. Diversity and Community: Ancestry, Education, Income and Housing. Augusta: Maine Department of Labor, 1994.
- Maine Department of Labor, Division of Economic Analysis and Research. 1990 Census Summary Population and Housing Characteristics, Maine. Augusta: Maine Department of Labor, 1991.
- Maine Department of Labor, Division of Economic Analysis and Research. 1990 Census Social, Economic, and Housing Characteristics. Maine. Augusta: Maine Department of Labor, 1992.

- Maine Department of Labor, Division of Labor Market Information Services. Civilian Labor Force Estimates. Augusta: Maine Department of Labor, 1998.
- Maine Department of Labor, Division of Labor Market Information Services. Income for Washington County. Augusta: Maine Department of Labor, 2001.
- Maine Department of Transportation. Best Management Practices for Erosion and Sedimentation Control. January 2000.
- Maine Department of Transportation. Calais-St. Stephen Area Border Crossing Study Summary of the Origin-Destination Survey, August 1999.
- Maine Department of Transportation. Traffic Forecasts and Analysis. October 2000.
- Maine Department of Transportation. Freight Delay Study. September 2000.
- Maine Department of Transportation. Highway Traffic Noise Policy. September 1, 1998.
- Maine Department of Transportation. Literature Review. June 2000.
- Maine Department of Transportation. Environmental Baseline Study. October 2000.
- Maine Department of Transportation and New Brunswick Department of Transportation. Calais-St. Stephen Area Border Crossing Study. August 1992.
- Maine Department of Transportation. A Technical Report on an East-West Highway in Maine. September 1999.
- Maine Department of Transportation, Maine State Planning Office. A Summary of the Finding of Studies Regarding a Maine East-West Highway. September 1999.
- Maine Department of Transportation. Environmental Site Assessment, Phase I. Calais/St. Stephen International Border Crossing Project, Corridor Alternatives 2 and 3. Hiller and Associates, Inc. March 2001.
- Maine Land Use Regulation Commission. Land Use Districts and Standards for Areas Within the Jurisdiction of the Maine Land Use Regulation Commission (Revised). Augusta: Maine Land Use Regulation Commission, 1999.
- Maine Land Use Regulation Commission. The Comprehensive Land Use Plan for Areas Within the Jurisdiction of the Maine Land Use Regulation Commission (Revised). Augusta: Maine Land Use Regulation Commission, 1997.
- Maine Motor Transport Association. Truck Costs per Vehicle Mile. No Date.
- Maine Public Law. Standards for Classification of Estuarine and Marine Waters. 38 MRS § 465-B.
- Maine Public Law. Standards for Classification of Fresh Surface Waters 38 MRS § 465.
- Maine Revenue Services. *Taxable Retail Sales by Group*. Augusta, ME: Maine Revenue Services, 1998.
- Maine Revenue Services. Calais Area Taxable Retail Sales. Augusta, ME: Maine Revenue Services, 1998.

- Maine Rivers. "St. Croix Watershed." Available http://www.mainerivers.org/st.croix.html. Accessed May 9, 2000.
- Maine Snowmobile Association. "Downeast Maine ITS Trails." Online. Available: http://www.mesnow.com/DowneastMaine.html. Accessed 18 December 2001
- Maine State Housing Authority. Federally-Assisted Multi-family Housing in Maine. Augusta: Maine State Housing Authority, 1994.
- Maine State Planning Office Coastal Program. "Sustaining Maine's Coastal Resources and Economy." Online. Available: http://janus.state.me.us/spo/mcp/aboutcoast.htm. Accessed 3 November 2000.
- Maine State Planning Office. "County Population Projections". Online. Released November 1999. Available http://janus.state.me.us/spo/census/frequent.htm.
- Maine State Planning Office. "Maine County Economic Forecast". The Maine State Planning Office. Online. Released December 1999. Available http://janus.state.me.us/spo/economic/economic.htm.
- Maine State Planning Office. "Maine Per Capita Income". Online. Released April 1998. Available http://janus.state.me.us/spo/census/frequent.htm.
- Maine State Planning Office. "Maine Retail Sales". The Maine State Planning Office. Online. Released Feb. 1999. Available http://janus.state.me.us/spo/economic/economic.htm.
- Maine State Planning Office. "Maine Floodplain Management Handbook". Online. Released November 8, 2001. Available: http://www.state.me.us/spo/flood/handbook%20page.htm.
- Maine State Planning Office. "Municipal, County and State Populations". Online. Released July 1999. Available http://janus.state.me.us/spo/census/frequent.htm.
- Maine Tourism Association. "Maine's Climate." Online. Available: http://www.mainetourism.com/climate.html. Accessed 14 March 2001.
- McConnan, James. University of Maine Cooperative Extension. Personal Communication. 5 February 2001.
- Mitnik, Paul, Maine Department of Environmental Protection. Personal Interview. 9 May 2000.
- Morris, Daniel, National Marine Fisheries Service. Letter. 16 May 2000.
- Mosher, John and Leon Cranmer, Maine Historical Preservation Commission. *Phase O and Phase I Archaeological Survey of the Calais International Bridge Project, Calais and Baileyville, Washington County, Maine.* Augusta, ME: Maine Historic Preservation Commission. 2001.
- National Park Service. National Register Information System search for Calais, Baring, and Baileyville. Online . Available: http://www.nr.nps.gov. Accessed 8 August 2000.

- National Park Service. "Wild and Scenic Rivers State-By-State List." Online. Available: http://www.nps.gov/rivers/wildriverslist.html. Accessed 22 March 2001.
- New Brunswick Department of Transportation. *Environmental Protection Plan*. Third Edition. May 1998.
- NCHRP Research Results Digest Number 210. Effects of Highway Bypasses on Rural Communities and Small Urban Areas. Transportation Research Board. National Research Council. May 1996.
- Ostrowski, Kevin. Maine DEP. Personal Interview. 10 April 2000.
- Pacific Exchange Rate Service. Foreign Currency Units Per 1 U.S. Dollar, 1948, 2000. Online. Available: http://pacific.commerce.ubc.ca/xr/USDpages.pdf. Accessed 1 March 2000.
- Payroll Office (Bangor), Irving Oil Corporation. Facsimile. 2 March 2001.
- Pennell, Nathan, United States Department of Agriculture Natural Resources Conservation Service. Personal Contact. 11 November 2000.
- Porter, Jim, Calais Assistant Town Manager. Personal Interview. 15 Feb. 2000.
- Porter, Jim, Calais Assistant Town Manager. Personal Interview. 2 November 2000.
- Ranney, Clayton, Sunrise Snowmobiles. Personal Interview and Correspondence. Apr. 2000.
- Richard, Wilfred E. "Cross Border Tourism and Shopping: The Policy Alternatives". University of Maine. Online. Released Winter, 1996. Available www.usm.maine.edu/~cyber/links/mbi/
- Rite Aid (Calais). Personal Contact. 1 March 2001.
- Sidell, W. Louis, Jr., State Floodplain Management Coordinator, Maine Department of Environmental Protection. Letter. 28 November 2000.
- Significant Sand and Gravel Aquifer-Map 45, Open-File 88-7f. Maine Geological Survey, 1988.
- Smith, Tammy, Town of Baring Town Clerk. Personal Interview. 15 Feb. 2000.
- Smith, Tim, City of Calais Town Manager. Personal Interview. 4 Feb. and 15 Feb. 2000.
- State of Maine Atlantic Salmon Commission. "2000 General Regulations." Online. Available http://www.state.me.us/asa/genregs.html. Accessed 9 May 2000.
- Swan, Brian M., State of Maine Department of Marine Resources. Letter. 15 June 2000.
- Town of Baileyville Tax Assessor's Office. Property Tax Records. Town of Baileyville, 2000/2001.
- Town of Baileyville. Baileyville Tomorrow (comprehensive plan). Baileyville: Town of Baileyville, 1991.
- Town of Baileyville. Baileyville Tomorrow. Baileyville: Town of Baileyville, 1995.

- Town of Baileyville. Town of Baileyville Land Use Regulation Ordinance. Baileyville: Town of Baileyville, 1997.
- Town of Baileyville. Town of Baileyville Shoreland Zoning Ordinance. Baileyville: Town of Baileyville, 1991.
- Transportation Research Board, National Research Council. Highway Capacity Manual: Special Report 209. 3rd Ed. Washington, D.C., 1998.
- Treaty of 1794 Between the Passamaquoddy Tribe and the Commonwealth of Massachusetts. 29 September 1794.
- Tripp, Kim, United States Fish and Wildlife Service. Letter. 22 May 2000.
- United States Bureau of Indian Affairs. Map of Indian Lands and Native Entities in the United States. Shape file of map downloaded from http://data.gdsc.bia.gov/data.htm. Accessed 16 March 2001.
- United States Bureau of the Census. "Population Estimates for Minor Civil Divisions: Annual Time Series, July 1, 1990 to July 1, 1999." Online. Available: http://www.census.gov/population/estimates/metro-city/mcdts/MCD99_ME.txt. Accessed 8 Mar. 2000.
- United States Bureau of the Census. "1990 U.S. Census Database". Online. Available http://venus.census.gov/cdrom/lookup/. Accessed 8 Mar. 2000.
- United States Bureau of the Census. "1980 U.S. Census Database". Online. Available http://venus.census.gov/cdrom/lookup/. Accessed 8 Mar. 2000.
- United States Bureau of the Census. "1970 U.S. Census Database". Online. Available http://venus.census.gov/cdrom/lookup/. Accessed 8 Mar. 2000.
- United States Customs Service. Records of Hazardous Materials. 2000
- United States Customs Service. Commercial-only Crossing Proposal. 6 Jul. 2001
- United States Department of Agriculture, Natural Resource Conservation Service. Washington County Soil Survey (Maine), 1994.
- United States Department of Transportation, Bureau of Transportation Statistics. Vehicle Mile Costs. No Date.
- United States Department of Transportation, Federal Highway Administration. *Highway Traffic Noise Analysis and Abatement—Policy and Guidance.* June 1995.
- United States Department of Transportation, Federal Highway Administration. Report Estimating the Impacts of Transportation Alternatives. October 1999.
- United States Department of Transportation, Federal Highway Administration.

 Technical Advisory T6640.8a—Guidance for Preparing and Processing Environmental and Section 4(f) Documents. October 30, 1987.
- United States Environmental Protection Agency. *Interim Final Guidance for Incorporating Environmental Justice Concerns in EPA's Compliance Analysis*. Washington, D.C.: United States Environmental Protection Agency, 1997.

- United States Fish and Wildlife Service. Digital National Wetland Inventory Map for Calais, ME. 1977.
- United States Fish and Wildlife Service. Digital National Wetland Inventory Map for Meddybemps Lake East, ME. 1977.
- United States Fish and Wildlife Service. Digital National Wetland Inventory Map for Meddybemps Lake West, ME. 1977.
- United States Fish and Wildlife Service. Digital National Wetland Inventory Map for Woodland, ME. 1977.
- University of Kansas, Institute for Public Policy and Business Research. *Impacts of Highway Bypasses on Kansas Towns.* IPPBR Research Papers No. 226. 1996.
- Washington State University, Department of Agricultural Economics, and the Gillis Group. EWITS Research Report No. 2. February 1994.
- Weddle, Thomas K., et al. Hydrogeology and Water Quality of Significant Sand and Gravel Aquifers in parts of Hancock, Penobscot, and Washington Counties, Maine, Open-File 88-7a. Maine Geological Survey, 1988.
- Welch, Dwight, Maine Department of Inland Fisheries and Wildlife. Letter. 26 Apr. 2000.
- Wisconsin Department of Transportation. The Economic Impacts of Highway Bypasses on Communities: Technical Report. January 1998.

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Mr. Jack Fortier

Former 1st Selectman in the town of Baring

Mr. Gus Gillis

Member of the Baileyville Planning Board, Fire Chief, and member of the school committee

Mr. Mike Johnson

Business owner in Calais

Mr. Dick Mahan

Business owner in Baring

Mr. Charles McAlpin

Employee of Eastern Maine Electric Cooperative

Mr. Roger McIver

Traffic Manager for Domtar Corp. in Baileyville

Mr. John Morrison

State Representative

Mr. Jim Porter

Assistant City Manager in Calais

Mr. Jack Stanchfield

Calais resident